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ABSTRACT

In fall 1984, about 3.9 million full-time equivalent (FTE) staff personnel were employed in public elementary and secondary schools in the 50 states and the District of Columbia. This is a decrease of 0.4 percent, or about 1,600 employees, from FTE staff employed in fall 1983. This bulletin gives the number of staff in FTE's and reports the data on staff assignments in two categories: instructional staff (teachers and instructional aides) and support services staff (local education agency (LEA) officials and administrators, guidance counselors, librarians, and all other support services staff). The bulletin includes definitions of the following staff assignments: instructional (teacher) aides, officials and administrators, guidance counselors/directors, librarians, school administrative support staff, and all other support services staff. Five tables cover the following topics: states with an increase and states with a decrease in number of teachers, fall 1983 to fall 1984; the number and percent of staff employed by public school systems, by type of staff and by state, for 50 states and the District of Columbia in fall 1984 and in fall 1983; and the number and percent of change in staff employed by public school systems, by type of staff and by state, for 50 states and the District of Columbia in fall 1984. (IW)

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U.S. Department of Education • Office of Educational Research and Improvement

Center for Education Statistics

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January 1987

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Staff in Public Elementary Schools, Secondary Schools, and School Systems, Fall 1984

In fall 1984, approximately 3.9 million full-time equivalent (FTE)[1] staff personnel were employed in public elementary and secondary schools in the 50 States and the District of Columbia (table 3). This is a decrease of about 1,600 or 0.4 percent (table 5) from the FTE staff employed in fall 1983 (table 4).

This bulletin gives the number of staff in FTE's and reports the data on staff assignments in two categories: instructional staff (teachers and instructional aides) and support services staff (local education agency [LEA] officials and administrators, guidance counselors, librarians, and all other support services staff).[2]

Instructional Staff

Teachers. In fall 1984, the 50 States and the District of Columbia employed 2.2 million teachers in public elementary and secondary schools. This number of teachers represented 55 percent of the 3.9 million employed staff in LEA's and an increase of 24,900 (1.2 percent) over the 2.1 million teachers reported in fall 1983.

Forty-one States and the District of Columbia reported increases in the number of teachers from fall 1983 to fall 1984. California, New York, and Arkansas reported the largest increases of 4,000, 3,000 and 2,100 respectively. Florida, Michigan, Ohio, South Carolina, Virginia, and Wyoming had increases of over 1,000 from the previous year. Eight States had increases from about 500 to 950, and the remaining States reported increases from 5 to 450 teachers. Wyoming had the largest percent of increase over the previous year—14 percent (table 1).

Only nine States reported decreases in the number of teachers. This is in sharp contrast with the previous year when 20 States reported decreases. It is also notable that all the decreases were less than 1,000. Pennsylvania and Massachusetts had the largest decreases of about 700 and 400 respectively. The remaining States had decreases from about 260 to 20 teachers. Alaska, however, had the largest percentage decrease of 2.1 percent (table 2).

Instructional Aides. The 288,300 FTE instructional aides reported in fall 1984 were 7.4 percent of the FTE staff that year. This was an increase of 10,200 aides (3.7 percent) from the 278,100 reported in fall 1983.

Support Services Staff

Officials, Administrators, and School Administrators. LEA officials and administrators and school administrators accounted for approximately 190,500 (4.9 percent) of the total FTE staff in fall 1984. This category of staff increased by 2,500 members or 1.3 percent over the number in fall 1983.

Guidance Counselors. Guidance and counseling personnel numbered 63,300 in fall 1984 and composed 1.6 percent of the FTE staff. The number of FTE counselors in fall 1984 increased by about 800 (1.3 percent) from the number in fall 1983. The 63,300 FTE counselors produced a ratio of 16 counselors for each 10,000 students, based upon the 39.3 million students in fall 1984.[3]

Librarians. In fall 1984, the 46,600 FTE librarians accounted for 1.2 percent of the FTE staff. From 1983

[1]Full-time equivalent (FTE) is the time required to perform a part-time assignment divided by the time required in a corresponding full-time assignment.

[2]See definitions of staff assignments, page 4.

[3]U.S. Department of Education, Center for Education Statistics, "Public School Enrollment, fall 1984," unpublished data.

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to 1984, the number of librarians increased by 200, or 0.4 percent.

All Other Support Personnel. In 1984, all other support personnel numbered 1.2 million or 29.9 percent of all FTE staff. The number showed a decrease of about 40,100 (3.3 percent) from fall 1983.

Definitions of Staff Assignments

Instructional (teacher) aides—Staff members assigned to assist a teacher with routine activities such as monitoring students, conducting rote exercises, operating equipment, and clerking. Volunteer aides are not included in this category.

Officials and administrators—The chief executive officers of the education agencies and other persons having district-wide responsibility. These persons may be business managers, administrative assistants, and coordinators. This category also includes those staff members whose activities are concerned with directing and managing the operation of a particular school. They may be the principal, assistant principals, and other assistants while they supervise all operations of the school, evaluate the staff members of the school, assign duties to staff members, supervise and maintain the records of the school, and coordinate school instructional activities with those of the LEA and other appropriate units.

Guidance counselors/directors—Professional staff whose activities involve counseling with students and parents, consulting with other staff members on learning problems, evaluating the abilities of students, assisting students in personal and social development, providing referral assistance, and working with other staff members in planning and conducting guidance programs for students.

Librarians (school library services)—Staff members assigned to perform professional library service activities such as selecting, acquiring, preparing, cataloging, and circulating books and other printed materials; planning the use of the library by students, teachers and other members of the instructional staff; and guiding individuals in their use of library books and materials, which are maintained separately or as a part of an instructional materials center.

School administrative support staff—Staff members whose activities include the work of clerical staff in support of teaching and administrative duties involved with the office of the principal.

All other support services staff—All staff not reported in the other categories. This group includes media personnel, library support staff, social workers, data processing, health, maintenance, bus drivers, security, clerical, cafeteria workers, and other staff.

Methodology

The information in this bulletin comes from the Common Core of Data (CCD) survey, Part V-State Nonfiscal Report. The Center for Education Statistics (CES) annually conducts this survey with the assistance of State education agencies (SEA's) in the 50 States, the District of Columbia, and outlying areas under U.S. jurisdiction. The data are taken from the State administrative records. This bulletin does not include data from outlying areas, but these data are available upon request.

In gathering these data for its administrative record system, each SEA obtains fall membership reports from the LEA's that operate public schools. Since each SEA uses various collection methodologies to obtain these data, the "as of dates" for membership counts may vary from State to State. According to its own procedures, each SEA may edit or examine the individual LEA reports before computing State totals. Upon receipt of the data from each State, CES edits the reports using a machine edit procedure to check for internal and longitudinal consistency. Questionable entries identified by the machine edit process are returned to the SEA for verification or correction before publication.

Some States were not able to respond to the staff categories requested. To the extent that some States reported in such fashion, the data for those categories are inexact.

Table 1.—States with an increase in number of teachers, fall 1983 to fall 1984

State	Number of teachers		Increase from fall 1983 to fall 1984	
	Fall 1983	Fall 1984	Number	Percent
California	174,290	178,310	4,020	2.3
New York	145,647	148,622	2,975	2.0
Arkansas	23,696	25,769	2,073	8.7
South Carolina	32,323	33,764	1,441	4.5
Florida	85,028	86,264	1,236	1.5
Michigan	79,982	81,185	1,203	1.5
Ohio	96,927	98,061	1,134	1.2
Virginia	56,388	57,498	1,110	2.0
Wyoming	7,010	8,013	1,003	14.3
North Carolina	55,126	56,084	958	1.7
Washington	34,757	35,706	949	2.7
Indiana	50,509	51,308	799	1.6
Alabama	35,875	36,647	772	2.2
Minnesota	39,392	40,108	716	1.8
Arizona	26,268	26,900	632	2.4
Missouri	46,761	47,366	605	1.3
Utah	15,640	16,169	529	3.4
Mississippi	24,955	25,388	433	1.7
Colorado	28,421	28,824	403	1.4
Kentucky	32,458	32,850	392	1.2
New Hampshire	9,821	10,178	357	3.6
Idaho	9,847	10,147	300	3.0
Kansas	26,096	26,331	235	.9
North Dakota	7,067	7,300	233	3.3
West Virginia	22,503	22,732	229	1.0
Tennessee	39,409	39,636	227	.6
South Dakota	8,355	8,579	224	2.7
New Jersey	73,593	73,774	181	.2
Texas	170,629	170,810	181	.1
District of Columbia	5,569	5,732	163	2.9
Delaware	5,429	5,577	148	2.7
Connecticut	32,317	32,458	141	.4
Maryland	37,275	37,416	141	.4
Nevada	7,366	7,496	130	1.8
Wisconsin	45,311	45,432	121	.3
Montana	9,479	9,597	118	1.2
Nebraska	17,548	17,656	108	.6
Iowa	31,779	31,882	103	.3
Vermont	6,242	6,341	99	1.6
Hawaii	7,007	7,078	71	1.0
Oregon	24,409	24,445	36	.1
New Mexico	14,532	14,538	6	*

*—Less than 0.05 percent.

Table 2.—States with an decrease in number of teachers, fall 1983 to fall 1984

State	Number of teachers		Increase from fall 1983 to fall 1984	
	Fall 1983	Fall 1984	Number	Percent
Pennsylvania	102,207	101,484	−723	− .7
Massachusetts	56,873	56,504	−369	− .6
Georgia	56,555	56,294	−261	− .5
Maine	13,492	13,261	−231	−1.7
Alaska	6,259	6,127	−132	−2.1
Illinois	102,130	102,013	−117	− .1
Rhode Island	8,848	8,752	−96	−1.1
Oklahoma	34,999	34,941	−58	− .2
Louisiana	42,200	42,180	−20	*

*—Less than 0.05 percent.

Table 3.—Number and percent of staff employed by public school systems, by type of staff, and by State: 50 States and D.C., fall 1984

(Full-time equivalent assignments)

State	Total staff	Instructional staff				Support staff							
		Teachers		Instructional aides		Officials, administrators, and school administrator		Guidance counselors		Librarians		All other support staff	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	3,907,278	2,151,527	55.1	288,301	7.4	190,480	4.9	63,316	1.6	46,646	1.2	1,167,008	29.9
Alabama	61,809	36,647	59.3	3,425	5.5	2,704	4.4	685	1.1	1,201	1.9	[1]17,147	27.7
Alaska	13,187	6,127	46.5	904	6.9	535	4.1	155	1.2	152	1.2	5,314	40.3
Arizona	51,524	26,900	52.2	3,911	7.6	2,270	4.4	667	1.3	558	1.1	17,218	33.4
Arkansas	46,643	25,769	55.2	2,401	5.1	2,447	5.2	587	1.3	723	1.6	14,716	31.6
California	354,654	178,310	50.3	[2]46,451	13.1	23,969	6.8	4,535	1.3	1,125	0.3	100,264	28.3
Colorado	55,079	28,824	52.3	3,723	6.8	2,716	4.9	906	1.6	737	1.3	18,173	33.0
Connecticut	37,107	32,458	87.5	(3)	(3)	2,290	6.2	1,798	4.8	561	1.5	(3)	(3)
Delaware	10,083	5,577	55.3	582	5.8	493	4.9	155	1.5	113	1.1	3,163	31.4
District of Columbia	11,003	5,732	52.1	774	7.0	720	6.5	265	2.4	182	1.7	3,330	30.3
Florida	165,754	86,264	52.0	[2]14,261	8.6	7,416	4.5	3,353	2.0	2,316	1.4	452,144	31.5
Georgia	105,637	56,294	53.3	8,528	8.1	3,982	3.8	1,198	1.1	1,841	1.7	[1]33,794	32.0
Hawaii	15,410	7,078	45.9	779	5.1	559	3.6	408	2.6	247	1.6	[4]6,339	41.1
Idaho	15,878	10,147	63.9	837	5.3	802	5.1	252	1.6	167	1.1	3,673	23.1
Illinois	175,892	102,013	58.0	9,588	5.5	5,924	3.4	2,183	1.2	2,199	1.3	53,985	30.7
Indiana	100,465	51,308	51.1	[2]6,756	6.7	3,476	3.5	1,303	1.3	1,141	1.1	36,481	36.3
Iowa	58,997	31,882	54.0	2,946	5.0	2,031	3.4	913	1.5	648	1.1	20,577	34.9
Kansas	45,856	26,331	57.4	2,342	5.1	1,898	4.1	966	2.1	893	1.9	13,426	29.3
Kentucky	63,683	32,850	51.6	3,154	5.0	2,999	4.7	812	1.3	1,105	1.7	22,763	35.7
Louisiana	86,363	42,180	48.8	6,508	7.5	4,090	4.7	900	1.0	1,115	1.3	31,570	36.6
Maine	21,985	13,261	60.3	2,058	9.4	1,324	6.0	406	1.8	187	0.9	4,749	21.6
Maryland	71,293	37,416	52.5	4,859	6.8	2,529	3.5	1,259	1.8	970	1.4	24,260	34.0
Massachusetts	97,231	56,504	58.1	6,729	6.9	4,171	4.3	1,993	2.0	690	0.7	27,144	27.9
Michigan	166,728	81,185	48.7	10,948	6.6	14,107	8.5	3,328	2.0	1,523	0.9	55,637	33.4
Minnesota	72,101	40,108	55.6	6,421	8.9	3,109	4.3	854	1.2	729	1.0	20,880	29.0
Mississippi	53,188	25,388	47.7	5,675	10.7	1,758	3.3	710	1.3	724	1.4	18,933	35.6
Missouri	88,201	47,366	53.7	3,185	3.6	4,747	5.4	1,862	2.1	1,239	1.4	29,802	33.8
Montana	12,576	9,597	76.3	1,187	9.4	694	5.5	311	2.5	322	2.6	5,465	3.7
Nebraska	30,878	17,656	57.2	2,144	6.9	1,567	5.1	503	1.6	507	1.6	8,501	27.5
Nevada	13,301	7,496	56.4	(6)	(6)	456	3.4	250	1.9	154	1.2	[6]4,945	37.2
New Hampshire	16,521	10,178	61.6	1,452	8.8	642	3.9	410	2.5	155	0.9	3,684	22.3
New Jersey	135,416	73,774	54.5	5,066	3.7	7,325	5.4	2,255	1.7	1,604	1.2	45,392	33.5
New Mexico	27,728	14,538	52.4	2,420	8.7	1,562	5.6	478	1.7	241	0.9	8,489	30.6
New York	305,296	148,622	48.7	20,480	6.7	10,303	3.4	4,686	1.5	2,704	0.9	118,501	38.8
North Carolina	107,902	56,084	52.0	16,313	15.1	5,133	4.8	1,685	1.6	1,792	1.7	26,895	24.9
North Dakota	13,305	7,300	54.9	852	6.4	735	5.5	159	1.2	188	1.4	4,071	30.6
Ohio	180,399	98,061	54.4	6,546	3.6	9,862	5.5	2,807	1.6	1,706	0.9	61,417	34.0
Oklahoma	60,453	34,941	57.8	[2]3,371	5.6	2,923	4.8	1,073	1.8	652	1.1	17,493	28.9
Oregon	45,843	24,445	53.3	3,635	7.9	2,251	4.9	911	2.0	783	1.7	13,818	30.1
Pennsylvania	183,958	101,484	55.2	9,221	5.0	6,353	3.5	3,183	1.7	1,921	1.0	61,796	33.6
Rhode Island	13,916	8,752	62.9	820	5.9	658	4.7	343	2.5	215	1.5	3,128	22.5
South Carolina	58,956	33,764	57.3	4,796	8.1	2,676	4.5	1,063	1.8	1,073	1.8	15,584	26.4
South Dakota	15,719	8,579	54.6	1,090	6.9	579	3.7	235	1.5	171	1.1	[4]5,065	32.2
Tennessee	76,277	39,636	52.0	4,013	5.3	5,014	6.6	842	1.1	1,284	1.7	[4]25,488	33.4
Texas	221,015	170,810	77.3	23,192	10.5	13,188	6.0	4,015	1.8	3,173	1.4	[7]6,637	3.0
Utah	27,791	16,169	58.2	2,412	8.7	1,219	4.4	376	1.4	320	1.2	7,295	26.2

Table 3.—Number and percent of staff employed by public school systems, by type of staff, and by State: 50 States and D.C., fall 1984–continued

(Full-time equivalent assignments)

State	Total staff	Instructional staff				Support staff							
		Teachers		Instructional aides		Officials, administrators, and school administrators		Guidance counselors		Librarians		All other support staff	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Vermont	11,887	6,341	53.3	1,195	10.1	867	7.3	203	1.7	177	1.5	3,104	26.1
Virginia	106,219	57,498	54.1	7,617	7.2	4,618	4.3	1,890	1.8	1,724	1.6	[1]32,872	30.9
Washington	63,107	35,706	56.6	4,273	6.8	3,238	5.1	1,156	1.8	1,099	1.7	17,635	27.9
West Virginia	41,252	22,732	55.1	2,738	6.6	1,763	4.3	511	1.2	366	0.9	13,142	31.9
Wisconsin	76,885	45,432	59.1	4,822	6.3	2,978	3.9	1,345	1.7	1,074	1.4	21,234	27.6
Wyoming	14,927	8,013	53.7	901	6.0	810	5.4	173	1.2	155	1.0	4,875	32.7

[1]Data not available for library support staff.
[2]Library support staff included with instructional aides.
[3]Data not available.
[4]Data not available for library support staff and administrative support staff.
[5]Data not available for library support staff, administrative support staff and a number of other noncertified personnel.
[6]Instructional aides included in all other support staff.
[7]Some types of noncertified personnel not report.

Notes.– The actual figure for "all other staff" is an undercount because some States did not report certain types of support staff. The undercount was estimated by taking the national percentage of these types of staff (e.g. 0.5 percent for library aides and 7.8 percent for administrative support staff) and applying the percentages to the number of total staff for those States not reporting those data. The estimation of the undercount for "all other support staff" and therefore for "total staff" is about 80,000.

–The data in this table are current as of April 1986. Data received after this date could not be processed in time to be included in the table.

Table 4.—Number and percent of staff employed by public school systems, by type of staff, and by State: 50 States and D.C., fall 1983

(Full-time equivalent assignments)

State	Total staff	Instructional staff				Support staff							
		Teachers		Instructional aides		Officials, administrators, and school administrators		Guidance counselors		Librarians		All other support staff	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	3,908,863	2,126,599	54.4	278,126	7.1	188,018	4.8	62,492	1.6	46,471	1.2	1,207,157	30.9
Alabama	57,913	35,875	61.9	2,454	4.2	2,687	4.6	661	1.1	1,155	2.0	[1]15,081	26.0
Alaska	11,113	6,259	56.3	978	8.8	519	4.7	154	1.4	142	1.3	3,061	27.5
Arizona	50,371	26,268	52.1	3,700	7.3	2,275	4.5	685	1.4	586	1.2	16,857	33.5
Arkansas	44,260	23,696	53.5	2,131	4.8	2,378	5.4	547	1.2	691	1.6	14,817	33.5
California	380,604	174,290	45.8	[2]47,639	12.5	22,470	5.9	4,556	1.2	1,140	0.3	130,509	34.3
Colorado	53,981	28,421	52.7	3,490	6.5	2,749	5.1	928	1.7	717	1.3	17,676	32.7
Connecticut	36,989	32,317	87.4	(3)	(3)	2,311	6.2	1,795	4.9	566	1.5	(3)	(3)
Delaware	9,916	5,429	54.7	579	5.8	482	4.9	151	1.5	107	1.1	3,168	31.9
District of Columbia	10,038	5,569	55.5	534	5.3	482	4.8	244	2.4	180	1.8	3,029	30.2
Florida	161,371	85,028	52.7	[2]14,677	9.1	7,103	4.4	3,159	2.0	2,191	1.4	[4]49,213	30.5
Georgia	110,482	56,555	51.2	9,100	8.2	5,000	4.5	1,183	1.1	1,833	1.7	[1]36,811	33.3
Hawaii	14,987	7,007	46.8	785	5.2	556	3.7	383	2.6	246	1.6	[4]6,010	40.1
Idaho	15,449	9,847	63.7	819	5.3	820	5.3	243	1.6	173	1.1	3,547	23.0
Illinois	177,601	102,130	57.5	9,186	5.2	5,968	3.4	2,231	1.3	2,211	1.2	55,875	31.5
Indiana	99,140	50,509	50.9	[2]6,172	6.2	3,484	3.5	1,299	1.3	1,142	1.2	36,534	36.9
Iowa	58,288	31,779	54.5	2,626	4.5	2,062	3.5	907	1.6	679	1.2	20,235	34.7
Kansas	45,223	26,096	57.7	2,204	4.9	1,908	4.2	936	2.1	885	2.0	13,194	29.2
Kentucky	62,465	32,458	52.0	2,758	4.4	2,937	4.7	807	1.3	1,100	1.8	22,405	35.9
Louisiana	86,380	42,200	48.9	6,501	7.5	4,107	4.8	884	1.0	1,117	1.3	31,571	35.5
Maine	23,652	13,492	57.0	1,960	8.3	1,228	5.2	352	1.5	207	0.9	[5]6,413	27.1
Maryland	70,993	37,275	52.5	4,770	6.7	2,478	3.5	1,231	1.7	972	1.4	24,267	34.2
Massachusetts	97,224	56,873	58.5	6,095	6.3	4,215	4.3	1,955	2.0	660	0.7	27,426	28.2
Michigan	162,735	79,982	49.1	9,987	6.1	13,221	8.1	3,196	2.0	1,547	1.0	54,802	33.7
Minnesota	70,758	39,392	55.7	6,193	8.8	3,097	4.4	858	1.2	720	1.0	20,498	29.0
Mississippi	51,115	24,955	48.8	3,951	7.7	2,090	4.1	702	1.4	730	1.4	18,687	36.6
Missouri	88,344	46,761	52.9	3,347	3.8	4,617	5.2	2,066	2.3	1,209	1.4	30,344	34.3
Montana	12,313	9,479	77.0	1,109	9.0	686	5.6	302	2.5	323	2.6	[6]414	3.4
Nebraska	30,578	17,548	57.4	2,043	6.7	1,552	5.1	509	1.7	505	1.7	[1]8,421	27.5
Nevada	12,703	7,366	58.0	(7)	(7)	453	3.6	229	1.8	151	1.2	[7]4,504	35.5
New Hampshire	16,003	9,821	61.4	1,363	8.5	626	3.9	405	2.5	151	0.9	3,637	22.7
New Jersey	134,670	73,593	54.6	4,811	3.6	7,219	5.4	2,254	1.7	1,605	1.2	45,188	33.6
New Mexico	27,320	14,532	53.2	2,099	7.7	1,629	6.0	477	1.7	267	1.0	8,316	30.4
New York	296,781	145,647	49.1	19,078	6.4	10,231	3.4	4,462	1.5	2,694	0.9	114,669	38.6
North Carolina	106,220	55,126	51.9	16,011	15.1	5,013	4.7	1,602	1.5	1,817	1.7	26,670	25.1
North Dakota	12,359	7,067	57.2	661	5.3	703	5.7	156	1.3	176	1.4	3,596	29.1
Ohio	177,623	96,927	54.6	6,116	3.4	9,637	5.4	2,733	1.5	1,697	1.0	60,513	34.1
Oklahoma	60,772	34,999	57.6	[2]3,317	5.5	2,974	4.9	1,092	1.8	649	1.1	17,741	29.2
Oregon	45,742	24,409	53.4	3,557	7.8	2,251	4.9	933	2.0	765	1.7	[1]13,827	30.2
Pennsylvania	185,466	102,207	55.1	9,110	4.9	6,412	3.5	3,224	1.7	1,963	1.1	62,550	33.7
Rhode Island	14,080	8,848	62.8	804	5.7	675	4.8	352	2.5	216	1.5	3,185	22.6
South Carolina	58,106	32,323	55.6	4,027	6.9	2,627	4.5	974	1.7	1,089	1.9	17,066	29.4
South Dakota	15,376	8,355	54.3	1,040	6.8	575	3.7	219	1.4	171	1.1	[4]5,016	32.6
Tennessee	76,134	39,409	51.8	4,018	5.3	4,975	6.5	828	1.1	1,266	1.7	[4]25,638	33.7
Texas	241,910	170,629	70.5	23,580	9.7	13,130	5.4	3,973	1.6	3,171	1.3	[8]27,427	11.3
Utah	26,823	15,640	58.3	2,107	7.9	1,186	4.4	371	1.4	318	1.2	7,201	26.8

Table 4.—Number and percent of staff employed by public school systems, by type of staff, and by State: 50 States and D.C., fall 1983–continued

(Full-time equivalent assignments)

State	Total staff	Instructional staff				Support staff							
		Teachers		Instructional aides		Officials, administrators, and school administrators		Guidance counselors		Librarians		All other support staff	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Vermont	11,688	6,242	53.4	1,065	9.1	850	7.3	191	1.6	178	1.5	3,162	27.1
Virginia	102,820	56,388	54.8	7,384	7.2	4,604	4.5	1,954	1.9	1,726	1.7	[1]30,764	29.9
Washington	61,012	34,757	57.0	3,876	6.4	3,123	5.1	1,129	1.9	1,084	1.8	17,043	27.9
West Virginia	40,299	22,503	55.8	2,705	6.7	1,727	4.3	505	1.3	357	0.9	12,502	31.0
Wisconsin	77,072	45,311	58.8	4,727	6.1	3,138	4.1	1,348	1.7	1,079	1.4	21,469	27.9
Wyoming	13,582	7,010	51.6	882	6.5	778	5.7	157	1.2	147	1.1	4,608	33.9

[1] Data not available for library support staff.
[2] Library support staff included with instructional aides.
[3] Data not available.
[4] Data not available for library support staff and administrative support staff.
[5] Data not available for administrative support staff.
[6] Data not available for library support staff, administrative support staff, and a number of other noncertified personnel.
[7] Instructional aides included in all other support staff.
[8] Some types of noncertified personnel not reported.

Notes.–The actual figure for "all other staff" is an undercount because some States did not report certain types of support staff. The undercount was estimated by taking the national percentage of these types of staff (e.g. 0.5 percent for library aides and 7.8 percent for administrative support staff) and applying the percentages to the number of total staff for those States not reporting those data. The estimation of the undercount for "all other support staff" and therefore for "total staff" is about 80,000.

–The data in this table are current as of April 1986. Data received after this date could not be processed in time to be included in the table.

Table 5.–Number and percent of change in staff employed by public school systems, by type of staff, and by State: 50 States and D.C., fall 1984

(Full-time equivalent assignments)

State	Total staff	Instructional staff				Support staff							
		Teachers		Instructional aides		Officials, administrators, and school administrators		Guidance counselors		Librarians		All other support staff	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	–1,585	24,928	1.2	10,175	3.7	2,462	1.3	824	1.3	175	0.4	–40,149	–3.3
Alabama	3,896	772	2.2	971	39.6	17	0.6	24	3.6	46	4.0	2,066	13.7
Alaska	2,074	–132	–2.1	–74	–7.6	16	3.1	1	0.6	10	7.0	2,253	73.6
Arizona	1,153	632	2.4	211	5.7	–5	–0.2	–18	–2.6	–28	–4.8	361	2.1
Arkansas	2,383	2,073	8.7	270	12.7	69	2.9	40	7.3	32	4.6	–101	–0.7
California	–25,950	4,020	2.3	–1,188	–2.5	1,499	6.7	–21	–0.5	–15	–1.3	–30,245	–23.2
Colorado	1,098	403	1.4	233	6.7	–33	–1.2	–22	–2.4	20	2.8	497	2.8
Connecticut	118	141	0.4	*	*	–21	–0.9	3	0.2	–5	–0.9	*	*
Delaware	167	148	2.7	3	0.5	11	2.3	4	2.6	6	5.6	–5	–0.2
District of Columbia	965	163	2.9	240	44.9	238	49.4	21	8.6	2	1.1	301	9.9
Florida	4,383	1,236	1.5	–416	–2.8	313	4.4	194	6.1	125	5.7	2,931	6.0
Georgia	–4,845	–261	–0.5	–572	–6.3	–1,018	–20.0	15	1.3	8	0.4	–3,017	–8.2
Hawaii	423	71	1.0	–6	–0.8	3	0.5	25	6.5	1	0.4	329	5.5
Idaho	429	300	3.0	18	2.2	–18	–2.2	9	3.7	–6	–3.5	126	3.6
Illinois	–1,709	–117	–0.1	402	4.4	–44	–0.7	–48	–2.2	–12	–0.5	–1,890	–3.4
Indiana	1,325	799	1.6	584	9.5	–8	–0.2	4	0.3	–1	–0.1	–53	–0.1
Iowa	709	103	0.3	320	12.2	–31	–1.5	6	0.7	–31	–4.6	342	1.7
Kansas	633	235	0.9	138	6.3	–10	–0.5	30	3.2	8	0.8	232	1.8
Kentucky	1,218	392	1.2	396	14.4	62	2.1	5	0.6	5	0.5	358	1.6
Louisiana	–17	–20	0.0	7	0.1	–17	–0.4	16	1.8	–2	–0.2	–1	0.0
Maine	–1,667	–231	–1.7	98	5.0	96	7.8	54	15.3	–20	–9.7	–1,664	–25.9
Maryland	300	141	0.4	89	1.9	51	2.1	28	2.3	–2	–0.2	–7	0.0
Massachusetts	7	–369	–0.6	634	10.4	–44	–1.0	38	1.9	30	4.5	–282	–1.0
Michigan	3,993	1,203	1.5	961	9.6	886	6.7	132	4.1	–24	–1.6	835	1.5
Minnesota	1,343	716	1.8	228	3.7	12	0.4	–4	–0.5	9	1.3	382	1.9
Mississippi	2,073	433	1.7	1,724	43.6	–332	–16.0	8	1.1	–6	–0.8	246	1.3
Missouri	–143	605	1.3	–162	–4.8	130	2.8	–204	–9.9	30	2.5	–542	–1.8
Montana	263	118	1.2	78	7.0	8	1.2	9	3.0	–1	–0.3	51	12.3
Nebraska	300	108	0.6	101	4.9	15	1.0	–6	–1.2	2	0.4	80	1.0
Nevada	598	130	1.8	*	*	3	0.7	21	9.2	3	2.0	441	9.8
New Hampshire	518	357	3.6	89	6.5	16	2.6	5	1.2	4	2.6	47	1.3
New Jersey	746	181	0.2	255	5.3	106	1.5	1	0.0	–1	–0.1	204	0.5
New Mexico	408	6	0.0	321	15.3	–67	–4.1	1	0.2	–26	–9.7	173	2.1
New York	8,515	2,975	2.0	1,402	7.3	72	0.7	224	5.0	10	0.4	3,832	3.3
North Carolina	1,663	958	1.7	302	1.9	120	2.4	83	5.2	–25	–1.4	225	0.8
North Dakota	946	233	3.3	191	28.9	32	4.6	3	1.9	12	6.8	475	13.2
Ohio	2,776	1,134	1.2	430	7.0	225	2.3	74	2.7	9	0.5	904	1.5
Oklahoma	–319	–58	–0.2	54	1.6	–51	–1.7	–19	–1.7	3	0.5	–248	–1.4
Oregon	101	36	0.1	78	2.2	0	0.0	–22	–2.4	18	2.4	–9	–0.1
Pennsylvania	–1,508	–723	–0.7	111	1.2	–59	–0.9	–41	–1.3	–42	–2.1	–754	–1.2
Rhode Island	–164	–96	–1.1	16	2.0	–17	–2.5	–9	–2.6	–1	–0.5	–57	–1.3
South Carolina	850	1,441	4.5	769	19.1	49	1.9	89	9.1	–16	–1.5	–1,482	–8.7
South Dakota	343	224	2.7	50	4.8	4	0.7	16	7.3	0	0.0	49	1.0
Tennessee	143	227	0.6	–5	–0.1	39	0.8	14	1.7	18	1.4	–150	–0.6
Texas	–20,895	181	0.1	–388	–1.6	58	0.4	42	1.1	2	0.1	–20,790	–75.8
Utah	968	529	3.4	305	14.5	33	2.8	5	1.3	2	0.6	94	1.3

Table 5.–Number and percent of change in staff employed by public school systems, by type of staff, and by State: 50 States and D.C., fall 1984, continued

(Full-time equivalent assignments)

State	Total staff	Instructional staff				Support staff							
		Teachers		Instructional aides		Officials, administrators, and school administrators		Guidance counselors		Librarians		All other support staff	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Vermont	199	99	1.6	130	12.2	17	2.(	12	6.3	–1	–0.6	–58	–1.8
Virginia	3 399	1,110	2.0	233	3.2	14	0.3	–64	–3.3	–2	–0.1	2,108	6.9
Washington	2,795	949	2.7	397	10.2	115	3.7	27	2.4	15	1.4	592	3.5
West Virginia	953	229	1.0	33	1.2	36	2.1	6	1.2	9	2.5	640	5.1
Wisconsin	–187	121	0.3	95	2.0	–160	–5.1	–3	–0.2	–5	–0.5	–235	–1.1
Wyoming	1,345	1,003	14.3	19	2.2	32	4.1	16	10.2	8	5.4	267	5.8

* Not reported.